ABSTRACT OF THE DISCLOSURE

There is provided a novel failure prediction system, a failure prediction program, a failure prediction method, a device, a printer and a device management server capable of accurately predicting a failure of a device connected on a network. A failure prediction system is provided with multiple devices and a device management server for managing the multiple devices via a network. Each of the devices is provided with a device diagnosis section for diagnosing the state of the device to notify diagnosis results; and the device management server is provided with a failure prediction section for predicting a device with a failure tendency based on the diagnosis results sent by each of the device diagnosis sections. Accordingly, it is possible to accurately predict not only a failure due to an expected factor but also a failure due to an unexpected factor.